

LUC-433/ Clark 10

2

AMENDMENTS IN THE CLAIMSRECEIVED
CENTRAL FAX CENTER
JUL 29 2010

1 1. (Currently amended) A network, comprising:

2 a Customer Premise Equipment (CPE) application server component that
3 provides one or more services to a telephony device on a call through establishment of
4 [[establishing]] one or more data streams associated with the call, the one or more
5 services selectively determined by a user of the telephony device; [[and]]

6 an application server component with which the CPE application server
7 component communicates to provide the one or more services through employment of
8 one or more protocols to establish the one or more data streams, wherein at least one
9 of the one or more protocols is a User Datagram Protocol (UDP); and

10 one or more switch components operable to communicate with the application
11 server component and the CPE application server via Session Initiation Protocol (SIP)
12 to provide the one or more services.

1 2. (Canceled)

1 3. (Previously presented) The network of claim 1, wherein the application
2 server component establishes one or more web portals with the telephony device; and
3 wherein the CPE application sever component and the application server
4 component provide the one or more services to the telephony device through
5 employment of the one or more web portals.

LUC-433/ Clark 10

3

1 4. (Previously presented) The network of claim 3, wherein the CPE
2 application server component and the application server component provide one or
3 more interfaces associated with the one or more services through employment of the
4 one or more web portals.

1 5. (Previously presented) The network of claim 3, wherein the CPE
2 application server component and the telephony device establish the call; and
3 wherein the CPE application server component provides one or more interfaces
4 to allow the telephony device to initiate a request to the CPE application server
5 component; and
6 wherein in response to the request from the telephony device to the CPE
7 application server component, the CPE application server component alters the call.

1 6. (Previously presented) The network of claim 5, wherein the call comprises
2 a voice menu and wherein the application server component updates the voice menu
3 based on the request.

1 7. (Previously presented) The network of claim 6, wherein a plurality of voice
2 menus comprise the voice menu, and wherein the application server component
3 provides a first voice menu of the plurality of voice menus to the telephony device; and
4 wherein in response to the request from the telephony device to the CPE
5 application server component, the application server component halts the first voice
6 menu and provides a second voice menu of the plurality of voice menus based on the
7 employment of the one or more services.

LUC-433/ Clark 10

4

1 8. (Previously presented) The network of claim 5, wherein in response to the
2 request from the telephony device to the CPE application server component, the CPE
3 application server component routes the call.

1 9. (Previously presented) The network of claim 5, wherein the CPE
2 application server component provides a first one or more services to the telephony
3 device; and

4 wherein in response to the request from the telephony device to the CPE
5 application server component, the CPE application server component provides a
6 second one or more services to the telephony device.

1 10. (Previously presented) The network of claim 4, wherein the one or more
2 interfaces comprise one or more eXtended Markup Language (XML) interfaces; and

3 wherein the CPE application server component communicates with the
4 application server component to provide the one or more eXtended Markup Language
5 interfaces.

1 11. (Previously presented) The network of claim 10, wherein the CPE
2 application server component requests of the application server component to establish
3 the one or more web portals through employment of the HyperText Transport Protocol
4 (HTTP).

1 12. (Canceled)

LUC-433/ Clark 10

5

1 13. (Previously presented) The network of claim 1, wherein the CPE
2 application server component provides one or more interfaces associated with the one
3 or more services that allow the telephony device to interact with the one or more
4 services, and wherein the CPE application server component provides the one or more
5 interfaces to the application server component through employment of the one or more
6 data streams; and

7 wherein the application server component establishes one or more web portals
8 with the telephony device; and

9 wherein the CPE application server component and the application server
10 component provide the one or more interfaces through employment of the one or more
11 web portals.

1 14. (Previously presented) The network of claim 13, wherein the CPE
2 application server component associates the call with the one or more services, and
3 wherein the CPE application server component associates the one or more services
4 with the one or more interfaces; and

5 wherein the CPE application server component and the application server
6 component provide the one or more services that allow the telephony device to perform
7 a request; and

8 wherein in response to the request from the telephony device to the application
9 server component, the application service component and the CPE application server
10 component update the one or more services.

LUC-433/ Clark 10

6

1 15. (Previously presented) The network of claim 1, wherein the CPE
2 application server component comprises a voice mail system, and wherein the voice
3 mail system associates the call with a plurality of voice menus, and wherein the voice
4 mail system and the telephony device cooperate to establish a voice mail call; and
5 wherein the voice mail system and the application server component cooperate
6 to provide a first voice menu of the plurality of voice menus associated with the call to
7 the telephony device; and
8 wherein the voice mail system and the application server component provide one
9 or more interfaces to allow the telephony device to perform a selection of a second
10 voice menu of the plurality of voice menus; and
11 wherein in response to the selection of the second voice menu from the
12 telephony device to the voice mail system, the voice mail system updates the voice mail
13 call to play the second voice menu to the telephony device.

LUC-433/ Clark 10

7

1 16. (Previously presented) The network of claim 1, wherein the CPE
2 application server component comprises an interactive voice response system, and
3 wherein the interactive voice response system associates the call with a plurality of
4 voice menus, and wherein the interactive voice response system and the telephony
5 device cooperate to establish an interactive voice response call; and

6 wherein the interactive voice response system and the application server
7 component provide a first voice menu of the plurality of voice menus associated with the
8 interactive voice response call to the telephony device; and

9 wherein the interactive voice response system and the application server
10 component provide one or more interfaces to allow the telephony device to perform a
11 selection of a second voice menu of the plurality of voice menus; and

12 wherein in response to the selection of the second voice menu from the
13 telephony device to the interactive voice response system, the interactive voice
14 response system routes the interactive voice response call.

1 17. (Currently amended) A method, comprising the steps of:

2 providing a Customer Premise Equipment (CPE) application server component;

3 providing an application service component; [[and]]

4 providing one or more switch components operable to communicate with the

5 application server component and the CPE application server via Session Initiation

6 Protocol (SIP) to provide one or more services; and

LUC-433/ Clark 10

8

7 providing the one or more services to a telephony device on a call through
8 employment of one or more protocols to establish one or more data streams between
9 the CPE application server and the application server components associated with the
10 call, the one or more services selectively determined by a user of the telephony device,
11 wherein at least one of the one or more protocols is a User Datagram Protocol (UDP).

1 18. (Previously presented) The method of claim 17, wherein the step of
2 providing the one or more services to the telephony device on the call through
3 employment of the one or more data streams associated with the call further comprises
4 the steps of:

5 providing one or more interfaces associated with the one or more services to the
6 telephony device through employment of one or more web portals;

7 providing for a request of the one or more services through the one or more
8 interfaces; and

9 updating the call based upon the request of the one or more services through the
10 one or more interfaces.

1 19. (Previously presented) The method of claim 18, wherein the step of
2 providing the one or more services to the telephony device on the call through
3 employment of the one or more data streams associated with the call further comprises
4 the steps of:

5 providing for an employment of the one or more services through the one or
6 more interfaces; and

7 routing the call based upon the employment of the one or more services.

LUC-433/ Clark 10

9

1 20. (Canceled)

1 21. (Previously presented) The network of claim 1, wherein another one of the
2 one or more protocols is a Bearer Independent Call Control (BICC) protocol.

1 22. (Previously presented) The network of claim 1, wherein the application
2 server component communicates with the CPE application server component through
3 employment of the one or more data streams to update the one or more services
4 provided to the telephony device.